

For location equivalent stations see Tabulation **101-15**

|  |     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |
|--|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Distance (m) From Point C Along Line A | 240 | 230   | 220   | 210   | 200   | 190   | 180   | 170   | 160   | 150   | 140   | 130   | 120   | 110   | 100   | 90     | 80     | 70     | 60     | 50     | 40     | 30     | 20     | 10     | 0      |
| Offset (m) From Line A To Line C       | 0   | 0.667 | 1.333 | 2.000 | 2.667 | 3.333 | 4.000 | 4.667 | 5.333 | 6.000 | 6.667 | 7.333 | 8.000 | 8.667 | 9.333 | 10.000 | 10.667 | 11.333 | 12.000 | 12.667 | 13.333 | 14.000 | 14.667 | 15.333 | 16.000 |
| Drop (mm) From Line A To Line C        | 0   | 26.0  | 40.0  | 60.0  | 80.0  | 100.0 | 120.0 | 140.0 | 160.0 | 180.0 | 200.0 | 220.0 | 240.0 | 260.0 | 280.0 | 300.0  | 320.0  | 340.0  | 360.0  | 380.0  | 400.0  | 420.0  | 440.0  | 460.0  | 480.0  |

Diagram illustrating the geometry of a loop exit ramp. The ramp is shown as a shaded rectangular area. Key dimensions and labels include:

- Line 'A'** and **Line 'C'**: Vertical lines defining the ramp's width.
- 0.6 m min. to 6.1 m**: Dimension indicating the width of the ramp.
- 3.6 m**: Dimension indicating the length of the ramp.
- 3%**: Dimension indicating the slope of the ramp.
- Drop**: Label indicating the vertical drop at the end of the ramp.
- Subbase**: Label indicating the base layer of the ramp.
- Loop Exit Pavement**: Label indicating the pavement surface.


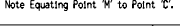
The diagram illustrates the cross-section of a loop exit pavement. Key dimensions and components include:

- Line 'A'** and **Line 'C'**: Vertical lines defining the top boundary of the pavement structure.
- Line 'B'**: A vertical line defining the bottom boundary of the pavement structure.
- Base or Subbase**: The bottom layer of the pavement structure, indicated by a dashed line.
- Loop Exit Pavement**: The top layer of the pavement structure, indicated by a hatched area.
- Drop**: A vertical drop in the pavement surface, indicated by a downward arrow.
- Dimensions**:
  - 6.1 m min. to 13 m: Horizontal distance from Line 'A' to Line 'C'.
  - 5.5 m: Horizontal distance from Line 'B' to Line 'C'.
  - 1.9 m: Horizontal distance from Line 'B' to the start of the Loop Exit Pavement.
  - 3.6 m: Horizontal distance from the start of the Loop Exit Pavement to Line 'C'.
  - 3%: A slope percentage indicated by a downward arrow.

The diagram illustrates a variable speed limit section of a road. It shows a transition from a 2.4 m shoulder on the left to a 1.2 m shoulder in the middle, and finally to a taper edge line 'C' on the right. The distance between the start of the 1.2 m shoulder and the taper edge line is variable, ranging from 13 m to 16 m. The diagram also shows a 'Line B' marking, a 'Drop' in the pavement, and a 'Loop Exit Pavement' area. Dimensions for the shoulder widths (2.4 m and 1.2 m) and the taper edge line (5.5 m) are provided. A 'Variable' distance of 1.9 m is indicated between the 1.2 m shoulder and the taper edge line. A 'Drop' of 3.6 m is shown at the end of the section. The diagram is labeled with 'Edge Mainline Pavement Line A', 'Line B', 'Taper Edge Line C', '2.4 m Shoulder', '1.2 m Shoulder', 'Variable 13 m to 16 m', '5.5 m', '1.9 m', '3.6 m', 'Drop', 'Variable', 'Base or Subbase', and 'Loop Exit Pavement'.

SECTION C-C

All dimensions given in millimeters unless noted.

|                       |   |                           |
|-----------------------|---|---------------------------|
| <b>M</b>              |  Iowa Department of Transportation<br>Highway Division |                           |
|                       | <b>STANDARD ROAD PLAN</b>   | <b>RV-8</b>               |
|                       | REVISION: Added Note Equating Point 'M' to Point 'C'.   | REVISION NO.<br>3         |
|                       | <br>APPROVED BY DESIGN METHODS ENGINEER                | REVISION DATE<br>10-29-02 |
| <b>METRIC VERSION</b> | DECELERATION TAPER<br>FOR 5.5 m EXIT LOOP   |                           |